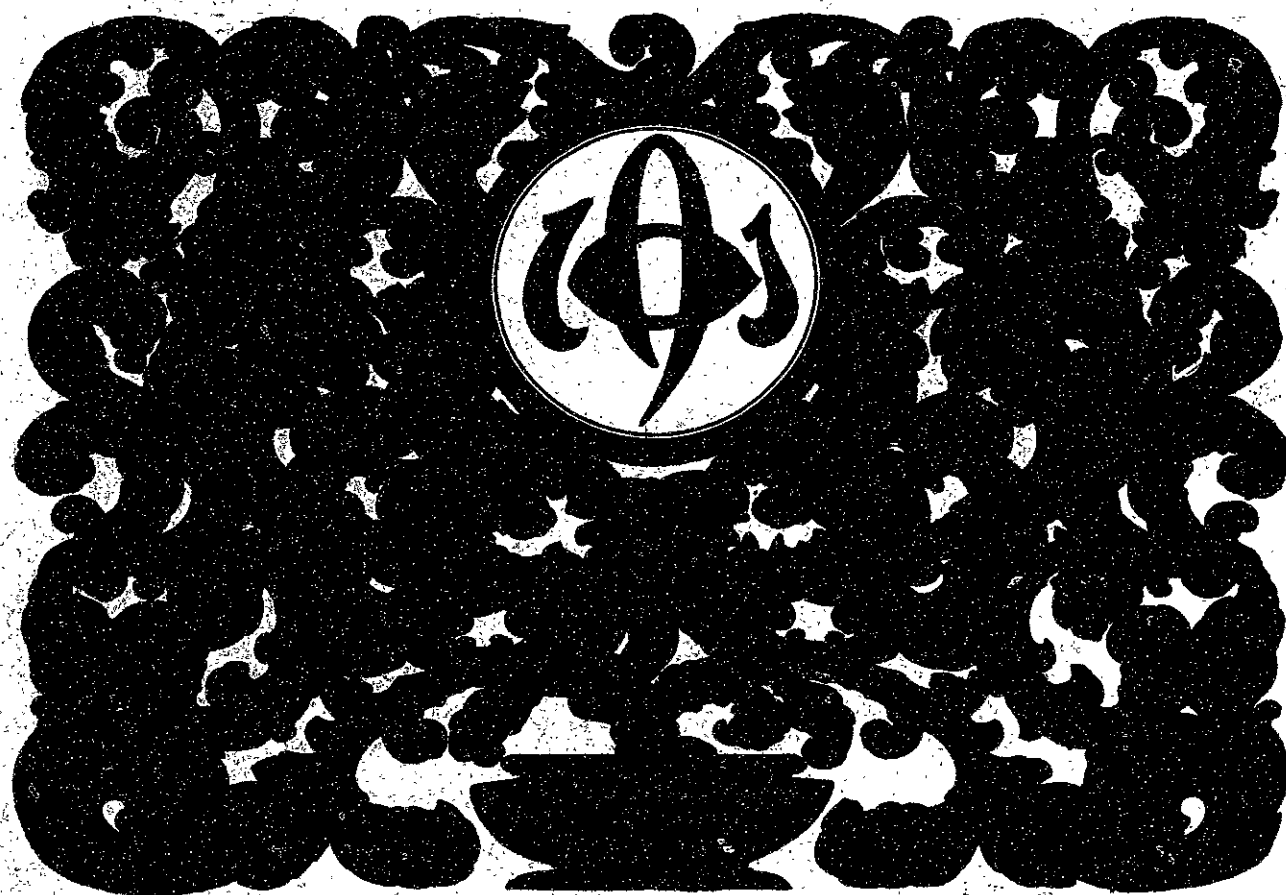


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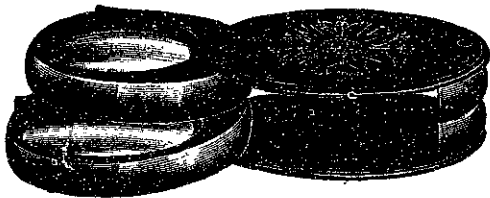
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IN the history of Technology, there has never been a means by which the spirit of informal sociability, good fellowship and *esprit de corps*, could be excited to any marked degree. At the various club dinners, etc., held during the scholastic year, the Tech yell is often the only thing in which each man enthusiastically participates, and as the yell usually comes at the close of the evening, the spirit aroused is lost by the immediate termination of the pro-

ceedings. We have nothing at Technology which can act like the singing of "Fair Harvard" by Harvard men, or "Old Eli" by Yale men. In both instances, every man is stirred heart and soul, the utmost enthusiasm being aroused.

President Pritchett has suggested that a song book be compiled to remedy the difficulty, a book which should contain some of the spiriting old college songs of the world, and also a Technology song, if such a one is forthcoming.

We sincerely hope that this suggestion will be taken up by all Tech men and that the compilers will be given all possible aid and encouragement, and if such a song book is published, let us learn the songs and be able to sing them as they should be sung.



THE dinner given by President Pritchett on the evening of May 25th, to about fifty of the students, calls for more than a passing remark. The dinner was not held merely as a dinner, but was for a far more important purpose. As President Pritchett expressed it, in America the students pay a very large amount for an exceedingly poor time at their dinners. This dinner was arranged much after the plan of dinners of German university students, though perhaps a little less informal. Its object was to ascertain if it were not possible for students in this country to enjoy an inexpensive but exceedingly pleasant time in such a manner. The success of this experimental dinner is auspicious for a further continuance of this method of promoting the social life among

the students. The President has the interests of the student body deeply at heart; and as his plans materialize, life at Tech will become much more interesting and enjoyable and of greater value to the individual students.



THE TECH has seldom had occasion to call attention to work more creditably and conscientiously done than that of Mr. Marjeson, who has, during the past year, had charge of the Institute Post Office. The number of undergraduate interests which have been placed in his care is large, and the admirable way in which they have been managed is worthy of much commendation.



It is to be regretted that so little respect is at times shown the members of the Faculty and Instructing Staff of the Institute. This lack of respect is especially noticeable when students pass their own Professors on the street, making but a slight nod or a half-hearted salute by way of recognition. The outward appearance of seeming disrespect exhibited by the student may partially be due to the indifference with which a few of the Instructing Staff in general recognize the students of their classes.

Let us, one and all, endeavor to change this tendency towards disrespect, by touching the hat as we pass our Professors.

Modern Field of Engineering.

Readers of THE TECH are no doubt aware of the fact that fifty or seventy-five years ago engineers were divided, generally speaking, into civil and military engineers,—military engineers being those who constructed government works, fortifications, etc., and civil engineers being those employed in civil works. As the application of science to the arts increased in importance, the field of the engi-

neer rapidly widened, and various subdivisions of the profession of Civil Engineering arose, such as Mechanical Engineering, Mining Engineering, and Electrical Engineering. More recently, the profession has been still further specialized, and we now have Sanitary Engineers, Chemical Engineers, Marine Engineers, and others. The present field of the civil engineer, broadly speaking, includes the building of structures; the location, construction and operation of railroads and highways; the construction of hydraulic and marine works of all kinds; and of municipal works such as streets, water works, sewers, and others. It is difficult, of course, to draw the line between the field of the civil engineer and the field of the various specialized branches of the profession which have sprung from the parent stem.

The point, however, to which I wish to call the attention of the readers of THE TECH is a change of a different character which has taken place in the field of the civil engineer. This change is particularly exemplified in the case of railroads. The modern railroad is the creation of the last seventy-five years, and for the most part of the last fifty years. The first work of the railroad engineer was construction; and thirty or forty years ago, practically all so-called railroad engineers were engaged in locating and building railroads. The great field of the railroad engineer of today, however, is not in building railroads, but in operating and maintaining them. His work is largely administrative instead of being entirely constructive, and this is the change to which I refer. The railroad engineer today finds the railroad system of the country practically completed. Small branches and extensions of existing systems are of course being built year by year, aggregating perhaps a considerable mileage, though insignificant in comparison with the mileage constructed each year twenty or thirty years ago. The railroad engineer who devotes him-

self today to locating and constructing roads is, as the phrase goes, steadily "working himself out of a job." The engineer who wishes to devote himself to railway engineering, will be wise if he seeks employment in a position where he will have duties connected with the maintenance and operation of the road, from which position he can step to higher posts in its administration. It is not intended to imply that there is not a great deal of construction to be done on existing railroads. As a matter of fact, a very large amount of construction is going on all the time, in building new branches, changing alignment, reducing grades, abolishing grade crossings, building new yards, etc.; and in these ways, large sums of money are being spent annually, not only for new construction, but to some extent to remedy defects, some of which have arisen from incompetence or from lack of foresight on the part of the engineers who first constructed the roads. It is one thing to build a railroad, and another thing to build it in such a manner that it can be operated economically. As a matter of fact, when our railroads were built, economy of operation was not thought of in many cases, and the result has sometimes been lines badly located, with expensive grades and curves and with other defects which might have easily been avoided and which can now only be remedied at great cost. Matters of this kind, as well as new construction arising from the natural enlargement of the business, will always provide a great deal of construction work for the railroad engineer, yet it will be in the general line of maintenance and improvement.

The organization of many of our railroads is such that Superintendents are selected from the corps of engineers, so that a young man who begins in the engineering department may look forward to attaining a high position in railway administration if he shows the necessary ability and character. Several

presidents of large railroad systems are men who began as civil engineers, and it is probable that the tendency to select administrative officers from the engineering corps will increase in the future, for there is certainly no training enabling a man to meet the problems of railway administration that is any better than the training of the civil engineer.

To a certain extent, a similar broadening of the field of the civil engineer has taken place in the other branches of the profession, though not to so large an extent. Structural engineers still have to do almost entirely with construction, although they may rise to important administrative positions in the large structural companies. For instance, one of the Vice Presidents of the American Bridge Company is an engineer. In Sanitary and Hydraulic Engineering, the broadening of the field in the direction of administrative duties has also taken place. Water works and sewers must not only be constructed, they must be maintained, and as the population of the great cities increases, they must be extended. In this case, as in that of railroads, economy of operation should be kept in mind during construction, and foresight with reference to future needs should be exercised. The trained engineer of today should be able to avoid some of the mistakes in these two directions that have been made by his predecessors.

GEORGE F. SWAIN.

Dr. Pritchett's Dinner.

On Saturday evening, May 25th, Dr. Pritchett entertained fifty men at dinner at the Technology Club. The meal itself was an exponent of the spirit of democracy and good-fellowship of the occasion. An appetizer of dried herring prepared the way for a good soup, mutton with vegetables as the *piece de résistance*, a delicious tomato salad, a substantial pudding and coffee. A mug of beer, cigars, clay pipes and good tobacco lent an

atmosphere of good feeling and joviality to the evening.

In speaking of the purpose of the dinner, President Pritchett expressed his regret at the necessity of limiting the number of guests, saying that his wish had been to have *all* the students gathered around the board to talk over the events of the past year and plans for the future. The lack of a suitable place made this impossible so that he had selected the officers of the classes, the Institute Committee, THE TECH and *Technique* Boards, and men from the athletic side of Technology life, to serve as representatives of all departments of the Institute student body.

The President spoke of the custom of holding formal dinners, in vogue among the classes and societies, saying that the men spend a great deal of money to have a very poor time. The most enjoyable dinner of which we were then partaking, cost about fifty-five cents a cover. Dr. Pritchett promised that in the new Gymnasium — that cynosure of all our hopes for a better life — we should have a place where we could enjoy such dinners and be at home. He described the customs and told of the good fellowship existing in the German students' *vereins*, weekly or bi-weekly gatherings for the discussion of scientific problems and their practical applications. The Professors frequently join the students at these meetings and speak to them, discussing their problems with them, and at the same time dwelling upon the connection of these problems with the broader and artistic side of the student's life—the side of *culture*.

It is the President's purpose to introduce the custom into the Institute of holding *Seminars* in the various courses. At short intervals the head of a course will meet the instructors and students connected therewith and discuss with them the technical papers and the reports of the latest accomplishments and discoveries relating to the work in that course. The students will be given assign-

ments to cover and report upon, thereby learning how to go about obtaining the full particulars of some engineering feat or some late research.

Samuel Cabot, an old Tech man, was called upon and spoke very briefly.

Professor Sedgwick spoke most entertainingly upon the relations of faculty and student, expressing his regret at the lack of courtesy that now exists. For instance, the raising of the hat to a member of the Faculty is a custom that is observed in perhaps every college in the country. It is a small matter, but it indicates that feeling of respect and appreciation which characterizes the gentleman.

James P. Munroe, '82, President of the Technology Club, talked to the men in his own inimitable way, speaking of the *culture* side of our life here at Technology. The great danger here is that we may become narrow in the acquiring of a scientific education. The great things, after all, in this world are breadth of mind and culture, and Mr. Munroe, in this connection, spoke of the inestimable value of travel.

Dr. Tyler spoke of University life at Erlangen and of the need of a song book in our student gatherings. This need was apparent in the singing throughout the evening. A compilation of the old University songs which have stood the test of time, with perhaps new words of a suitable character, would fill a want that becomes ever more evident.

Professor Clifford spoke briefly on the desirability of more intimate relations between the members of the instructing staff and the students — relations which a common purpose and similar ideals should certainly justify.

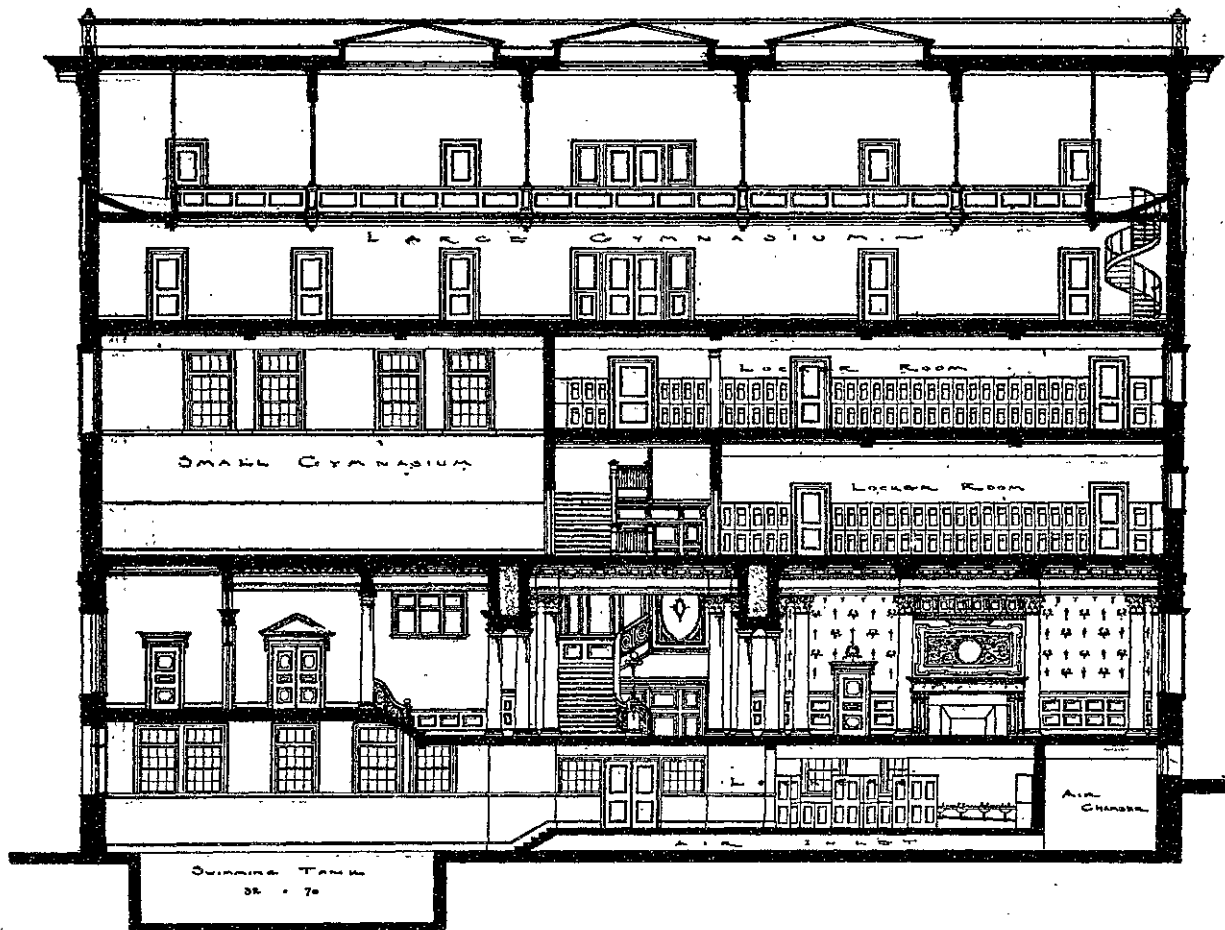
The dinner certainly did much towards the fostering of a new spirit of loyalty and love for Technology and for the man, who by his unceasing energy and breadth of purpose is leading us to higher ideals and the Institute to a realization of the ideals of its founders — our President.

The Walker Memorial Gymnasium.

The subscription of \$100,000 which the Alumni Association initiated at the beginning of the year 1899, for the purpose of erecting a Gymnasium Building as a memorial to President Walker, has been completed. January first, 1900, the fund amounted to about \$20,000 and a year later it had doubled; during the first five months of 1901 the remaining \$60,000 has been contributed, the total subscription representing the participation of over 1500 past or present.

the desired social features as well could scarcely be built for the original sum mentioned. The committee is hopeful therefore that the interest of friends of General Walker and of the Institute, beside those who have actually been connected with the school, will supply the fifty or seventy-five thousand dollars additional required to make the Walker Memorial exactly what Technology men would wish it to be.

The plans here shown are drawn on the \$175,000 basis. Another set of drawings has been prepared



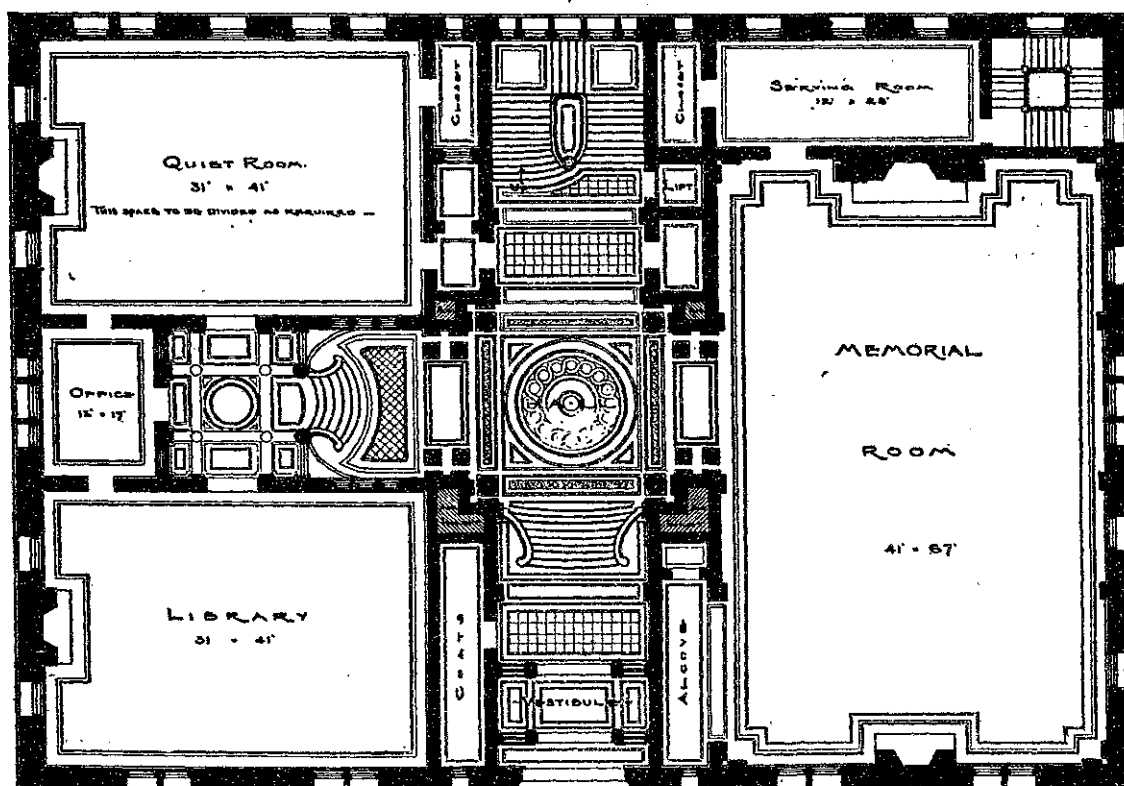
According to the original plan of the Alumni Committee in charge of the subscription, the sum to be raised by the past students was to cover the expense of erecting the Gymnasium Building. The land for its erection as well as the funds for the maintenance of adequate instruction in physical culture, representing a further capital of at least \$150,000 were voted by the corporation on condition that the \$100,000 subscription should be completed by July 1, 1901. It appears however that a Memorial Building including the necessary provision for gymnastic work and

showing what it is possible to build with the \$100,000 already subscribed. Both schemes are still tentative; but those which are reproduced indicate well the general feature which should be incorporated in the Memorial Building. The section shows a building of five stories and a basement, with a height of eighty feet and covering 10,030 square feet of land, to be placed in the corner of Trinity Place and Stanhope Street. The basement is entered from the latter thoroughfare and contains the swimming tank, which is 32 feet wide by 70 feet long and over which

the ceiling is raised to give room for water polo. In connection with the tank, shower baths are provided and 650 lockers are to be placed on this floor for the convenience of those using the tank and also for men engaged in outdoor work. The first floor, entered by the main vestibule on Trinity Place, will include, as shown on the plan, a large Memorial Room at the south end and a Library, Quiet Room and administrative offices opposite. A serving room in connection with the Memorial Room makes this end of the story available for receptions and other social gatherings. All the rooms on this floor are

designed for systematic work by classes of fifty men, perhaps as part of the first year's curriculum at the Institute, and adjoining it is an Instructor's room for the regular physical examination of the students. The southern half of the second and third floors is occupied by lockers and baths for use in connection with both the large and small gymnasiums. There 1208 lockers provided on these two stories, which with 630 in the basement, will furnish accommodation for the entire student body of the Institute.

The fourth floor of the memorial building is occupied almost entirely by the large gymnasium, 114



provided with large open fire places, about which, in the winter afternoons the undergraduate life of the Institute would naturally center. The bust of President Walker presented to the Institute as an undergraduate memorial, and now in Rogers corridor, might, perhaps, appropriately be placed in the large south room. Here, too, or somewhere else in the building, the Trophy Room would find its natural home.

The second and third stories are occupied at the north end by the small gymnasium, 47 feet by 80 feet, to be devoted to gymnastics, as distinguished by General Walker from athletics. The small gymnasium

feet long by 61 feet wide, with a mezzanine floor. The gymnasium is lighted by large skylights and ventilated by a special auxiliary system; and on the east side is a row of rooms to be used for such special sports as boxing, fencing and hand ball. A closed staircase at the corner of the building makes the baths on any floor accessible to students in gymnasium dress. A kitchen and serving room is planned on the fourth floor in connection with the large gymnasium so that Alumni Dinners may be held here.

The past, as well as the future students of the Institute may therefore profit by the loyal Technology

spirit of which the Walker Memorial Building is the print and of that still deeper and wider enthusiasm for the Institute of which it must be the centre in the future.

C. E. A. WINSLOW, '98.

N. E. I. A. A. Meet.

The New England Inter-collegiate Athletic Ass'n. held its Annual Championship Games on Saturday, May 18, at Worcester. Williams won with a total score of $32\frac{1}{8}$ points, Amherst securing second place with 32 points to her credit. Dartmouth scored a total of $19\frac{1}{8}$ points, Bowdoin $18\frac{1}{8}$, Brown $16\frac{1}{8}$ and M. I. T. $8\frac{1}{8}$ points. The bicycle race was postponed on account of the poor condition of the track and was run off Tuesday, May 21. This event was won by Wesleyan. In spite of the blustering weather a large and enthusiastic crowd were present. A large portion of the spectators were feminine and together with the Williams Glee Club and the usual mob of "rooters," affairs were made lively throughout the day.

Cloudman of Bowdoin made the best individual record by winning three firsts for his college. His best work was done in the running hard jump in which he broke the best previous records by 13 inches. He also equalled the records in the 100 and the 220-yard dashes.

Next in points was Potter of Williams. Although he broke no records he succeeded in winning the 120-yard hurdles and pole vault, and finished second in the 220-yard hurdles.

The most sensational event of the day was the winning of the 880-yard run by Hill of Dartmouth over Hall of Brown. Hall led to within ten yards of the finish when Hill, with a magnificent burst of speed, passed him and crossed the tape ahead. The fact that Hill had not trained for an 880-yard run but was put into the run merely as a for-

lorn hope made his performance most remarkable.

H. P. McDonald of M. I. T. broke the Association record shot put of 38 feet, 10 inches held by Melendy of Brown, by 13 inches.

100-yard dash—The 100-yard dash was easily won by Cloudman of Bowdoin, for in spite of a bad slip on the wet track, which lost him fully a yard at the start, he had no difficulty in passing the bunch before twenty-five yards had been covered and finished almost five yards ahead of his nearest competitor. Rooney of Williams came in second, followed closely by Haskell of Dartmouth.

1-mile run—Of the twenty-five starters in the mile run Hawley of Amherst led from the start and held it during the entire race. He finished way ahead, having covered the mile in 4 minutes, $39\frac{2}{5}$ seconds. Johnson of Amherst and Steel of Williams were respectively second and third.

120-yard hurdles—Four trial heats, three semi-finals and the final were required to decide the 120-yard hurdle race.

Potter of Williams won the first heat, Edson of Dartmouth the second, Hunt of Bowdoin the third and Wilson of Amherst the fourth. These four made a pretty race in the finals. Potter and Edson took the lead, running neck-and-neck, and were closely pushed by Hunt and Wilson. Potter stumbled at the next to the last hurdle and thus allowed Edson to win by two yards.

440-yard run—In the final of the 440-yard run Park of Williams, having the advantage of being the pole man, showed the way to the turn. At the second turn he was passed by Thompson of Amherst. The latter won easily with four yards to spare. O'Neil of Williams finished third. Time $52\frac{1}{5}$ sec.

880-yard run—Although there were twenty-five starters for the 880-yard run, all the interest was centered around Hall, the

favorite Brown runner, and Hill of Dartmouth. Both men left the bunch during the first half of the race with Hall in the lead. Hill held himself close behind to within a few yards of the tape when he passed the Brown runner with a remarkable sprint, finishing one yard ahead. Pierce of Brown was third. Time 2 minutes, $3\frac{3}{5}$ seconds.

220-yard run—The 220-yard run was won handily by Cloudman of Dartmouth. He won over Haskell of Dartmouth by five yards. Jackson of Dartmouth was third. Time $22\frac{3}{5}$ seconds.

220-yard hurdles—The final of the 220-yard hurdles was close and hotly contested. Edson of Dartmouth finished but one yard ahead of Potter of Williams. Wilson of Amherst came in third. Time $25\frac{1}{5}$ seconds.

2-mile run—Seventeen men started in the 2-mile run. Mears of Williams led during the first quarter mile, but was passed by Worcester of M. I. T., who regained the lead for the second lap. Mears again led but was passed by Hall of Williams, who led until the gong sounded for the last lap. Here Cornell of Amherst sprinted ahead and finished first. Hawley of Amherst was second and Hongstreth of the same college, third. Time 10m. 11s.

The Running Broad Jump—Won by Cloudman of Bowdoin, 22 ft., 4 in. Blackmer of Williams, second, and Green of Brown, third.

Running High Jump—Won by Blackmer of Williams, 5ft. $6\frac{1}{2}$ in. Baxter, M. I. T., second; Pope, M. I. T., Curtis, M. I. T., Hamilton, Bowdoin, Ernst, Williams, tied for third place.

16-Pound Hammer Throw—Won by Melendy, Brown, 119ft. 9in. Cullane, Williams, second; Dunlap, Bowdoin, 3rd.

Discus Throw—Won by Johnson, Brown, 105ft. Parks, Amherst, second, and Melendy, Brown, third.

16-Pound Shot Put—Won by McDonald,

M. I. T., 39ft. 11in. Park, Amherst, second; Place, Dartmouth, third.

Pole Vault—Won by Potter, Williams, 10ft. 6in. Phillips, Amherst, second; Squires, Williams, third.

Annual Reception to Seniors.

The annual reception of the Alumni Association of the Massachusetts Institute of Technology to the graduating class was held Friday evening, at the Hotel Brunswick. About 250 were present, including many members of the Senior Class of the Institute, who are to receive their degrees on next Tuesday, and in addition to these a large number of the Faculty and of the Alumni.

During the first part of the evening a general social program was given, after which speeches, largely of a scientific character, were in order. But fun and good cheer, too, held their place among the realms of science, and hardly a speech was made but what was enlivened by some entertaining reminiscence.

The one prominent feature of the program was the announcement by Desmond FitzGerald that the corporation had yesterday afternoon voted unanimously to borrow \$275,000 for the purpose of erecting a new electrical building to add to the Institute's present equipment.

This is a want that the Institute has long felt, and it was in default of sufficient endowment funds that the corporation decided to borrow sufficient money to erect a suitable building.

After supper had been served Charles T. Main, president of the Alumni Association, opened the speaking with a brief address, which was delivered especially toward the graduating class. He said:

"It becomes my duty and pleasure to welcome the class of 1901 into the Alumni Association of the Institute. I wish to suggest to you that you remember that you have not completed your education as yet, but that you are indeed only beginning it, and that during your four years at Technology you have been laying a foundation for your future work.

"Your success will depend upon three things, first, that which I have just stated, that you have not yet completed your education; second, that there are vast sources of natural wealth in the world, which

require for its proper use men of training and integrity; third, that you become good citizens, for nearly all the present problems of town, city or state are scientific problems, and no set of men is better able to deal with such than those who have had your training, and who, in addition, possess the qualifications for good citizenship.

"Men at present are often averse to entering into work in the city or town, but if you are ever called upon to enter into any political work remember that you should do your best to bring the work up to a higher standard than it had before."

President Pritchett was greeted with loud and continued applause, and spoke in part as follows:

"I am glad to be able to address you now as one of you, and as one who can look backward as well as toward the future. As I look over the past history of the college, I am glad to note an increase of interest in their alma mater as the days go by, and a growth of affection and respect for the Institute.

"All men interested in education take a life interest in what is going on here, and right in the midst of the pride we feel we must always realize that an institution, like an individual, wishes to see why one does this and why one does that.

"We all recognize that education is more or less in a formative state, but we must all the same try to take the same place among the scientists of today that the institute takes among the scientific schools of the world.

"There are two things that are noteworthy in an institute education—broadness of view and thoroughness of preparation—and both of these, I am glad to say, are amply exemplified in the present class.

"The developments of the year have been many, but the plans for the future are many more, and will commend themselves seriously to all. Two of the especially important things, however, that have happened this year are the eclipse expedition to Sumatra and the Walker Memorial gymnasium.

"In regard to the first matter I must say that it was not as a school of applied science that we sent a party to that distant land, but it was rather on account of the Austin fund which had been donated to the institute and which made the attempt possible. Prof. Burton, in charge of the expedition, has al-

ready informed us of what splendid work they have done, and what important results have been obtained.

"An eclipse is not a rare thing, but one that lasts six minutes, as did the one of two weeks ago, is indeed a matter of rare occurrence.

"An important matter in connection with our Tech party was that some of them had devised apparatus of great moment, and indicative of much ingenuity. Among this apparatus was that device of Harrison W. Smith, by which it was possible to photograph the shadow bands, which occur just before and after an eclipse, and this has been considered as a discovery of the most important and interesting sort.

"The Walker Memorial Gymnasium has already progressed so far that we see success in view. Our present plans are to administer to the social as well as to the athletic side of student life. Considerable progress has been made in the matter, so that I am now glad to state that \$90,000 has already been collected. This sum, too, has been collected from about 1500 of you graduates, a great tribute to you, and a great tribute to the man whom it is to commemorate.

"When a great body of students give thus, it is indeed a noble measure of devotion to the man, in this case General Francis A. Walker, and indeed few bodies of men could have attained as much. Only a comparatively small amount remains to be raised, and I hope to be able to report within the next few days that the entire sum has been contributed. It is a thing we have all reason to be proud of."

Desmond FitzGerald spoke in behalf of the corporation. The first part of his speech, which was received with loud cheers and continued applause, dealt with the new building which Technology is to have. Then, after continuing in a reminiscent vein, he concluded as follows:—

"I look upon you, members of the class of 1901, with a feeling of envy when I think of what opportunities you have over the classes of 25 years ago. You have had all the training that a scientific career of four years of study could give you, and you start into life with a splendid scientific foundation.

"I can hardly look at you with any degree of sympathy, but rather with feelings of envy, and I feel sure that you will carry the engineering profession

farther, and better, and to more successful points of vantage than we older engineers have."

Professor Dwight Porter, representing the faculty of the Institute, was next introduced and spoke in part as follows:

"It is an honor and a pleasure to speak to you, members of the graduating class, at this time. You have the consciousness of having brought a hard fight to a successful finish, and you enjoy the unique distinction of being our vanguard in the new century.

"All of us, both individuals, corporations, and even the nation, are entering into corporate enterprises of a large character, so large that they could not be successful were it not for the co-operation of a body of men trained in scientific and technical methods. For four years we have watched over you, and now, for the future, we are to depend upon you.

"We want you to teach your children that there is no place in all the world like old Technology, and as a member of the Faculty, I take pleasure in wishing you, one and all, godspeed."

John R. Freeman of the Class of 1876 gave a very interesting and instructive address on "Twenty-five Years Ago." He spoke enthusiastically of the friendships of his student days, of how much he had benefited from the good will of his classmates, and how great a help it had been to him in his after days. Continuing, he said:

"I wish to give you some advice derived from experiences of the past twenty-five years. There are three great helps to success—to have an object in life, to realize that a great end of college life is a broadening of the humanities, and to understand that it is not technical skill that brings success as much as character and honesty.

"I wish to add a few words of counsel. Don't be pessimists. Look over the records of Tech alumni and note how few successful pessimists you will find. Indeed, they are outnumbered by the optimists in the ratio of 100 to 1. Steadfastness of purpose, earnestness and application to business are essential for success in this world much more than brilliancy."

Ellis F. Lawrence, President of the Class of 1901, was the closing speaker, responding for his class. He told in detail many of the important and decisive incidents of his career as a student at the institution, and was especially enthusiastic in regard to his class,

telling of how heartily it sympathized with the alumni association in all its aims, and how fully it appreciated the reception tendered to it on the eve of graduation.

Prize Essay.

It is announced that Miss Ava Marcella Stoddard, an Institute student in the Sophomore Class, is the winner of the hundred-dollar prize offered by the College Equal Suffrage League for the best essay on "Is the extension of the suffrage to women an expedient political measure?" The prize was awarded Miss Stoddard on the evening of May 28th, by the Hon. E. B. Callender, at a meeting of the society.

Entrance Examinations.

Entrance examinations will be held June 27th and 28th and again September 24th and 25th in Rogers Building and also in the following cities: Austin, Texas; Belmont, Cal.; Binghamton and Buffalo, N. Y.; Chicago, Ill.; Cincinnati, Ohio; Denver, Col.; Detroit, Mich.; Exeter, N. H.; Kansas City, Mo.; Louisville, Ky; New York City; Philadelphia and Pittsburg, Pa.; Portland, Me.; Pottstown, Pa.; Pullman, Wash.; Rochester, N. Y.; St. Louis, Mo.; St. Paul, Minn.; Springfield, Mass., and Washington, D. C.

New Board of Editors.

The Board of Editors of *Technique* 1903 as elected by *The Technique* Electoral Committee is as follows: Editor-in-Chief, Howard S. Morse; Associate Editors, George D. Wilson, George W. Swett; Society Editor, George B. Wood; Athletic Editor, H. T. Winchester; Statisticians, Hewitt Crosby, Lawrence H. Lee; Art Editors, R. F. Jackson, Chief, L. R. Kaufmann, A. H. Hepburn; Business Manager, John T. Cheney; Assistant Business Manager, W. W. Burnham.

Walker Club Dinner.

The annual Walker Club dinner was held Saturday, May 25th, at the Technology Club. Mr. F. F. C. Campbell, who presided as toastmaster, succeeded in proving that there are some Englishmen who can appreciate a joke as well as to tell a good story, and to him is due much of the enjoyment of the evening. The success of the dinner was augmented by the presence of President Pritchett, who dropped in during the evening with characteristic democracy. The general lack of formality and the display of good fellowship which characterize all gatherings of students and Professors of the Institute combined to make the dinner a most enjoyable occasion.

Mr. Baldwin, of the instructing staff, and Mr. J. T. Scully were guests of the club, and the following honorary and active members were present:

President H. L. Pritchett, Prof. Arlo Bates, Prof. W. T. Sedgewick, Mr. Joseph Blackstein, Mr. E. H. Davis, Mr. J. Draper, Mr. F. F. C. Campbell, Mr. P. C. Cross, Mr. W. W. Dow, Mr. W. W. Wolcott, Mr. J. B. Laws, Mr. G. I. Hall, Mr. B. W. B. Green, Mr. R. B. Lowe.

Musical Clubs at Riverside.

The musical clubs enjoyed an outing last evening which was somewhat out of the ordinary for that august body. As a final close for its winter's dissipation and "tours on the road," it enjoyed a water carnival on the Charles River in the neighborhood of Riverside together with a goodly number of other Technology students. Lighted lanterns on a number of the canoes served as a most fitting enclosure for the musicians who have for the past eight months been accustomed to be shrouded in palms. The weather was all that could be desired and Mr. Lockett, 1902, is to be congratulated on the success of the outing of which he was the promoter.

Busts in the Library.

The bust and portraits in the general library in Rogers Building, have occasioned much curiosity. The bust is of Albion K. P. Welch, a former member of the corporation and a great benefactor of the Institute. The portrait above the periodicals is of Dr. W. H. Walker, who came to the rescue of the Institute in its early history in a time of great financial need. He left to the Institute the bulk of his fortune. The Walker Building was named in his honor. The other portrait of Mr. Richard Perkins, formerly hung in the President's office.

Mr. Perkins was a member of the corporation and established a scholarship fund of fifty-three thousand dollars. The view of Back Bay from the State House in 1858 presented to the Institute by Ex-President Crafts, is of particular interest as showing the site on which the buildings now stand. The main causeway across the bay is Beacon Street.

The Lawrence Tech Society.

The graduates, non-graduates and undergraduates of Lawrence, Mass. and vicinity held a dinner on April 26th with the idea of forming a Technology Society of Lawrence. President Pritchett, Dr. H. W. Tyler, and Dr. Bancroft of Philips-Andover were the guests of the evening. Dr. Pritchett spoke of the development of college spirit and the support that alumni should give Technology. Of the fifty men, former Tech students, in and about Lawrence, thirty-one were present at this dinner. A committee was appointed to take action toward forming a society. The idea is to have an informal meeting once a month during the winter, a smoke-talk or German supper with something of interest in the Engineering line.

It would greatly tend to increase interest in Tech as well as to be of great benefit to the men themselves.

Representatives of nearly every important

industry in the city were present at the banquet, among the number being: R. A. Hale, John Alden, F. H. Silsbee, F. H. Schurz; W. D. Livermore, G. F. Russel, J. M. Greenwood, H. E. Osgood, F. M. Andrews, C. Galaher, A. H. Pitcher, C. C. Goldsmith, W. H. Hildreth, A. E. Kimberly, J. W. Smith, S. D. Gage, I. Sjostrom, J. E. Simpson, I. Beach, G. P. Carmichael, A. H. Chilson, G. A. Moran, C. Morrison, G. Fremmer, F. Johnson, J. E. Walworth, H. A. Brown and J. A. Collins, Jr.

The success of the undertaking is largely due to the energy of Mr. J. A. Collins, Jr., Secretary, '97, M. I. T. There will be another meeting shortly.

Electrical Engineering Society.

At the meeting of the Electrical Engineering Society, Friday, May 17th, W. A. Durgin was elected President; A. W. Friend, Vice President and B. W. Capen, Secretary and Treasurer. The Treasurer's report showed the society had a good financial basis. Next year the society will be greatly improved and made as valuable and helpful to the men as possible. This will require the united co-operation of the Course VI. students, and it is hoped they will all appreciate the helpfulness such a technical society can be made to possess.

Beaux Arts Competition.

The Architectural Department of Technology was well represented in the competition of the Beaux Arts Society of New York. Of the four first mentions one was awarded to G. B. Ford, and another to W. C. Appleton, '01, J. L. Little, Jr., received a second mention and F. R. Walker's design was marked *hors concours*, on account of the two great deviations from the preliminary sketch.

The prize, a gold medal, has not been awarded for several years. The reason for

not doing so this year was that the drawings were too elaborate for the purpose of the design.

Musical Clubs Concert.

The musical clubs of the Institute tendered a concert to the graduating class last Saturday evening in Huntington Hall. In spite of the inclement weather the audience filled the entire hall, which was tastefully decorated with palms. Rogers corridor and the landing on the second floor was also lined with potted ferns and palms. All the members of the musical clubs were not present as a good many of the students had already left town for the summer. However, what was lacking in numbers was fully compensated in the quality of the program rendered. The numbers were very well executed and the evening passed off successfully. The banjo club especially were obliged to respond to encores. The program as presented was as follows:—

PART ONE.

- 1 Ho! Jolly Jenkins Sullivan
GLEE CLUB
- 2 San Toy March Jones
BANJO CLUB
- 3 Solo Selected
MR. HOOKER
- 4 Salome Loraine
MANDOLIN CLUB
- 5 Sextet From a Bygone Day Arr. by Hooker, '02
MESSRS. HOOKER, WILSONS, SEAVER, BATEMAN and
MCDUGAL
- 6 Operatic Potpourri Arr. by Lansing
BANJO CLUB

PART TWO.

- 7 The Magic Strings Pomeroy
MANDOLIN CLUB
- 8 Quartette Selected
MESSRS. BOYD, FOSTER, BENSON, CUMMINS
- 9 Mammy's Little Honey Tracy
MR. SEAVER and GLEE CLUB
- 10 Tutti Frutti Arr. by Boyd, '01
BANJO CLUB
- 11 A Little Bit of Fun Arr. by Leon
MANDOLIN CLUB
- 12 The Drum Major of Schneider's Band Mundy
GLEE and BANJO CLUBS.



'99. H. B. Graham is with the Graham Paper Co., of St. Louis, Mo.

'99. J. T. Havisham is Western Representative for the Chas. Scott Spring Co., Chicago, Ill.

'00. F. B. Walker is at present assistant engineer for the Great Northern Railroad.

'00. G. A. Tweedy has been in the employ of the California Mining Bureau as field assistant.

'00. W. R. Collier is a member of the firm of Collier & Brown, Consulting Engineers, Atlanta, Ga.

'95. H. S. Dutton is assistant engineer with the San Francisco Dry Dock Co., of San Francisco, Cal.

'95. H. H. K. Sheridan is a member of the Seneca Manufacturing Co., Cleveland, Ohio.

'95. F. F. Furgeson is superintendent for the firm of J. E. R. Carter, architects, Norfolk, Va.

'98. H. Nesbit is now Deputy Collector of Internal Revenue, Washington, D. C.

'00. F. D. Chase, I., has accepted a position as assistant engineer with the Chicago and Alton Ry.

'00. F. C. Lincoln, III., will on Wednesday evening, June 19th, be married at Trinity Church, Boston, to Miss Gertrude Whipple Appleton, of Roxbury. Mr. and Mrs. Lincoln will, after the first of October, live at Socorro, New Mexico, where Mr. Lincoln has accepted the position of Professor in Analytical Chemistry and Geology in the School of Mines.

CLASS OF 1901.

W. L. Danforth, II., will be with the plan department of the Factory Mutual Fire Insurance Co., Boston.

W. Whipple, II., will be with the Cin Clare Central Sugar Refining Co., Cin Clare, La.

W. J. Newlin, II., has accepted a position as draughtsman, B. F. Sturtevant Works, Jamaica Plain.

P. H. Parrock, II., expects to return to the Institute next year to take extra work in Chemistry and Mining.

F. D. Rash, III., will be assistant engineer with the St. Bernard Coal Co., Earlington, Ky.

F. K. Baxter, III., will be assistant superintendent of the Wilkes Mining Co., Grantville, Ga.

W. W. Garret, and J. W. Boyle, III., will return to the Institute next Fall as assistants to Prof. Lodge.

F. W. Freeman, III., will be at the Institute as Prof. Norton's assistant.

L. B. Wilder, III., has accepted the position of chemist with the Uinta Summit Copper Co., Uinta County, Utah.

C. I. Auer, III., has accepted the position of assayer at a gold mill, Tallapoosa, Ga.

E. F. Lawrence, IV., will return to the Institute next fall to take the post graduate course in Architecture.

C. H. Shivers, IV., will be with G. H. Ingraham, architect, Boston.

W. C. Appleton and Ford, IV., will be with Peabody and Stearns, architects, Boston.

W. I. Bickford, VI., will return to the Institute next Fall as assistant in Physics.

J. C. Woodsome, VI., will be with the New York Telephone Co., New York City.

C. F. F. Campbell, IX., will continue his studies in Germany or accept a position as instructor in one of the English universities.



The plot thickens. THE TECH has a rival. The ultimatum has gone forth that the Class Day TECH is to be humbled to the dust. The Class Day Committee has decided after due consideration that, having never supported Technology's weekly publication it cannot afford to begin now. On careful inquiry it was found that the Senior Class boasted three subscribers to THE TECH. Under the circumstances it was felt that if the Class Day proceedings were reported in this organ, the Seniors would not know that they *had* been graduated. Hence, taking into account the fact that the gift which has always been the Senior's last expression of co-operation to THE TECH would pay for a good time at the "Pops" for the Committee, that august body of public-spirited men said, "No! We have thee upon the hip. We shall try our hand at publishing. We know the principles of mining, the structure of a locomotive, the digestive organs of a frog. Why, pray, do we not know all else? Why should we not show Technology, once for all how the thing should be done?" So spake our worthy representatives of 1901. THE LOUNGER wishes them success with all his heart, but begs to add that if the Committee should *happen* to want to borrow a few bones after the fiddler is paid, he, THE LOUNGER has just spent his last cent for a shave.



Athletics at Technology has always held a position in THE LOUNGER's affections, and a tight grasp upon THE LOUNGER's purse; and the lack of success with these two mainstays for support, has not always been as we read in that entertaining book "Analytical Geometry or the New Arabian Nights," "easy to see." Last winter in the ante-deluge days, when the sun was wont to shine for a whole week at a time, THE LOUNGER read in the columns of this valuable instrument of popular enlightenment, of the establishment of "The Doric Order of Architects." Later he became aware of the intentions of the Course IV. Juniors to conduct under this immortal order a series of baseball games in the Tech Campus between Berkeley and Clarendon Streets. THE LOUNGER, favoring athletics, was naturally elated, and he had boundless

visions of railroad ties, loose bricks, boulders and lost balls. But the enthusiastic, though care-worn architects, who had proposed to substitute baseball for design on every Tuesday and Thursday afternoon, had reckoned without due care. Had Prof. Sondericker been called upon to express an opinion he would have said they had neglected to multiply by twelve to reduce to inches; had the Secretary been called upon to remark on the case, he would have said they had neglected to hand in section slips, had Professor Sedgwick been asked he would have said they had neglected Providence. But all these amount to the same thing and consequently that which promised so much has yielded less than the course in first term chemistry, and not a game was played. The sun has shone on Rogers Building but about three times during the past two or three months and the scheme which arose in dreams has gone down in a fog. THE LOUNGER has no explanation.



THE LOUNGER has often wondered what has been the object of those miniature Labor Day excursions of certain courses under the guidance of so-called instructors, which have been reported from time to time as infesting some of the manufacturers in Boston and vicinity. At last THE LOUNGER fears that he has discovered this object, he must confess, only after a little eavesdropping. He fears, for he is loath to believe his evidence. After a day of affectionate intercourse with his instructor THE LOUNGER took the train for home. He ensconced himself in the rear seat in a car—one of those seats in a corner, running lengthwise of the car. By chance (note the chance) he had one of Allen's Prayer Books with him. He was aroused from the depths of an eager perusal of the wit and humor of its pages by the word "Tech." Tech? Where had he heard that name? Ah! yes, that was the place where they kept a Secretary and Bursar. THE LOUNGER heard the mystic sound again, coming from the seat in front occupied by two young women. THE LOUNGER edged nearer and listened. "Yes, there were a lot of Tech fellows down to the factory today," he heard one of the damsels drawl. "I don't know what they come for. One of them came into my room today, and looked at me and grinned. Says he to me, 'I'm lost.' Says I to him, 'I'm sorry.' Says he, 'I'm lost and can't get out.' Says I, 'I'm sorry if you're lost.' 'Yes,' says he, 'I'm lost.' Says I again, 'I'm sorry if you're lost.' Then he grinned again and went out. Huh! lost and couldn't find forty fellows. Lot's he was. Don't you suppose I know what he was after! He came in to jolly me." THE LOUNGER merely quotes and does not uphold this conclusion. He cannot bring himself to believe that such is the truth. The young woman must have been a little premature, mayhap prejudiced, in her decision.

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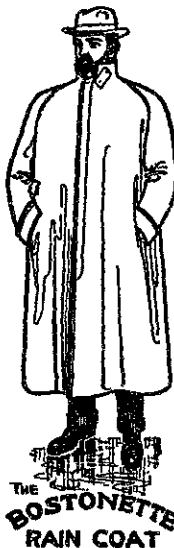
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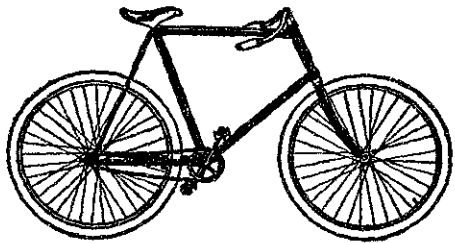
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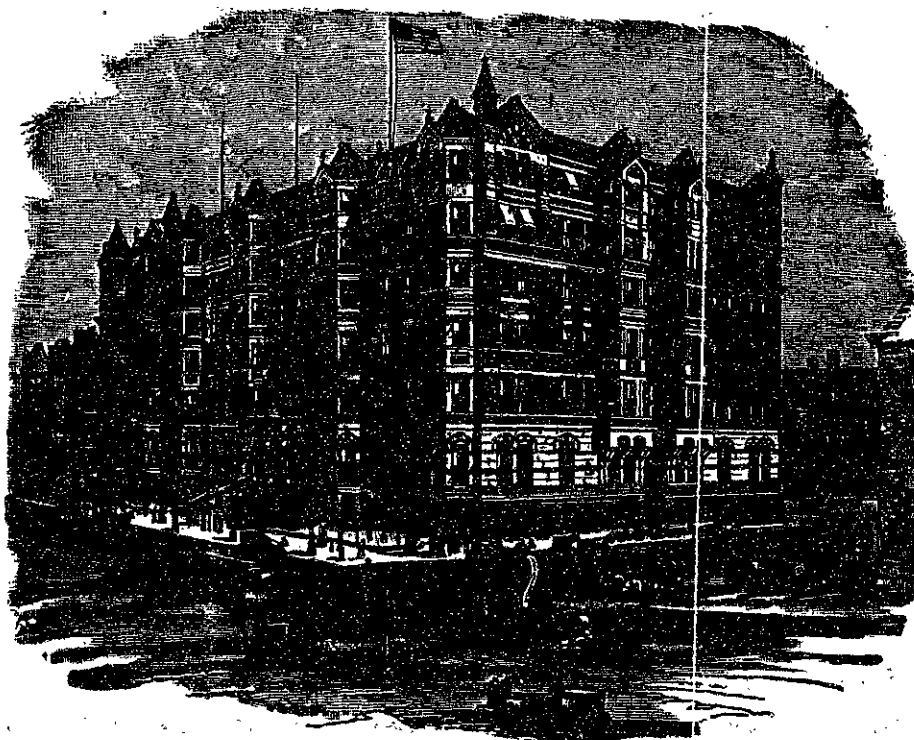
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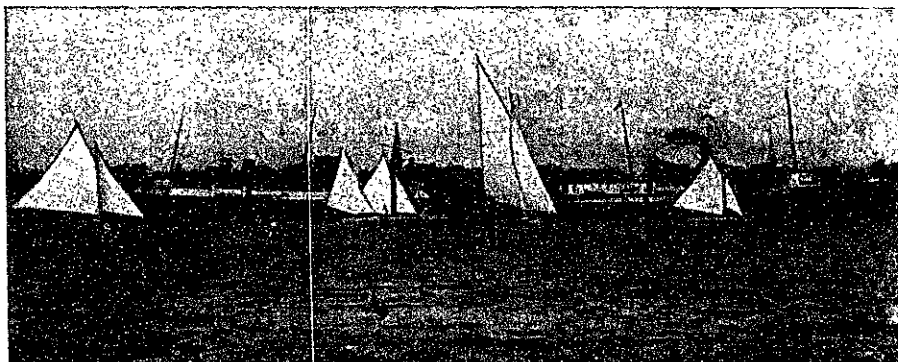
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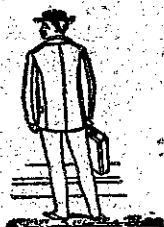
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